

cc: Jeffers
Bradley
DriscollREGULATORY ENFORCEMENT
AND
ANIMAL CARE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

TELECOPIER TRANSMITTAL SHEET

OCT 11 1994

TO: Ann Terbush Chief Permits Div. OFFICE: OPR, NMFS	City/State: Silver Spring, MD	Office Phone #: 301 713-2289
SUBJECT: Gross necropsy report for dolphin "Troubles" from Rootan, Honduras		Fax Phone #: 301 713-0376
REMARKS: Here is a copy of the gross necropsy report on the dolphin "Trouble" from Honduras. This dolphin was dead no matter where he went. Probably won't get much histopathology unless they can get tissue samples into the USA for analysis.		
FROM: R.L. Crawford OFFICE: Asst. Dep. Admin, AC	City/State: Hyattsville, MD	Office Phone #: 301 436-4981
Number of pages including fax sheet: 3	DATE: 10/11/94	Fax Phone #: 301 436-8341

From: Gus W. Salvador, D.V.M., M.Div.
Episcopal Medical Mission
Sandy Bay
Roatan, Honduras, C.A.

To: Eldon Bolton
IMS, Anthony's Key Resort
Roatan, Honduras, C.A.

Date: 24 September 1994

Re: Postmortem Examination of a Dolphin

Species: *Tursiops truncatus*. Sex: male. Name: "Trouble"

This is a male Dolphin recently transported to Roatan from the United States was found dead early in the morning of 24 September 1994. The dolphins body appeared to be well nourished, with two small 5cm x 1cm abrasions in the skin of the ventral abdomen, apparently a result of the transport. There were no significant or remarkable other lesions except those as noted below for the following organ systems:

Lungs:

There was an prominent 5 cm circular, raised, well organized adhesion, appearing to be of some age, between the inferior lobe of the left lung and the anterior diaphragm surface. The interior surface of the trachea is dark red, with some petechia in the smaller bronchi.

Both the left and right lung surface had many raised, firm organized fibrous nodules, being small abscesses filled with white to light to yellow pus-produced pure cultures of *Pseudomonas aeruginosa*. Both lungs appeared swollen and red to dark red. There was areas of red hepatization and edema of both lungs affecting about 60% of the pulmonary tissue. There was gas exchange of both normal and compromised lung tissue-it floated in water. Culture of blowhole secretions were negative for bacteria. Lymphatic glands of the thoracic wall were injected and hemorrhagic. A stab culture into normal lung appearing (through a seared surface) yielded a pure culture of *Pseudomonas aeruginosa* bacteria.

Gastrointestinal:

The entire gastrointestinal tract was empty. There were no foreign materials seen. In the first compartment of the stomach there were 10-12 ulcers varying in diameter from 0.5-1.0 Cm.. The ulcers appeared to be non-active, dull appearing and slightly yellow and did not extend into the muscular layer of the stomach or perforate. There was bile in the lumen of the upper small intestine. There was no excessive fat in the mesentery. Mesenteric lymph nodes were normal appearing.

Eldon Bolton
Postmortem Report
24 September 1994
page two

Liver:

The liver tissue is pale grey in color, with a hint of yellow. The liver appeared to be infiltrated with fat and had slightly rounded to distinct margins. No normal appearing tissue was seen on gross evaluation of the dolphins liver.

Heart :

There was a few scattered petechial hemorrhage on the surface of the right and left ventricles. A stab culture of the heart was negative.

Impression:

Bronchopneumonia and liver disease (severely compromised liver).

Representative tissue samples were taken from the heart, lungs, liver, kidney, muscle, stomach, thoracic and visceral lymph nodes for histological evaluation in the United States.

Sincerely,

Gus W. Salvador,
Director



Eldon Bolton
Postmortem Report
24 September 1994
page two

Liver:

The liver tissue is pale grey in color, with a hint of yellow. The liver appeared to be infiltrated with fat and had slightly rounded to distinct margins. No normal appearing tissue was seen on gross evaluation of the dolphins liver.

Heart :

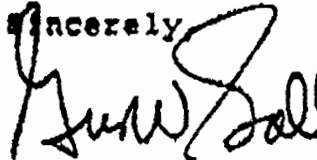
There was a few scattered petechial hemorrhage on the surface of the right and left ventricles. A stab culture of the heart was negative.

Impression:

Bronchopneumonia and liver disease (severely compromised liver).

Representative tissue samples were taken from the heart, lungs, liver, kidney, muscle, stomach, thoracic and visceral lymph nodes for histological evaluation in the United States.

Sincerely,



Gus W. Salvador,
Director

